

WHAT IS CLAIMED IS:

1. A document management device, comprising:

a memory section for storing a document to which an identification number is given;

an input section for receiving an image including said identification number and summary information of the document to which said identification number is given;

a control section made up of an extract section for extracting said identification number and said summary information from the inputted image which was inputted to said input section, a document obtainer section for searching and obtaining a document having said identification number which was extracted by said extract section out of documents stored in said memory section, and a judging section for judging as to whether the summary information extracted by said extract section is correct with respect to the document obtained by said document obtainer section; and

an output section for outputting the document obtained by said document obtainer section when said judging section judges it to be correct.

2. The document management device as set forth in claim 1, wherein:

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said input section receives an image which was transmitted from an external device which is connected via a communications network, and said output section transmits the document which was obtained by said document obtainer section to said external device.

3. The document management device as set forth in claim 1, wherein:

said summary information is at least a partial image of its corresponding document, and when an image which coincides with the summary information extracted by said extract section exists in the document obtained by said document obtainer section, said judging section judges it to be correct.

4. The document management device as set forth in claim 1, wherein, when said document obtainer section fails to obtain the corresponding document, said output section carries out output indicative of absence of the corresponding document in said memory section.

5. The document management device as set forth in claim 1, wherein said inputted image includes information indicative of a version of a document.

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6. The document management device as set forth in claim 1, wherein said memory section stores a document of at least one version among documents having the same identification number.

7. The document management device as set forth in claim 6, wherein:

said control section judges presence or absence of a predetermined mark in said inputted image, and when said control section judges presence of the predetermined mark in said inputted image, said output section outputs a document having a latest version out of the documents obtained by said document obtainer section.

8. The document management device as set forth in claim 6, wherein:

said control section judges presence or absence of version information in said inputted image, and when said control section judges presence of the version information in said inputted image, said output section outputs a document of a designated version out of the documents obtained by said document obtainer section.

9. The document management device as set forth in claim 1, wherein:

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said control section further includes an approval section for judging presence or absence of correct approval information in said inputted image, and when said approval section judges absence of the correct approval information in said inputted image, output from said output section is prohibited.

10. The document management device as set forth in claim 9, wherein each document which is stored in said memory section includes said approval information.

11. The document management device as set forth in claim 9, wherein, when said inputted image includes predetermined information together with the approval information, output from said output section is prohibited.

12. The document management device as set forth in claim 9, wherein, when said approval section judges absence of the correct approval information in said inputted image, said output section carries out output indicative of absence of the correct approval information.

13. A communications terminal device, comprising:  
an image reader section for reading a document image

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out of a document;

a control section having a line number extractor section for extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by said image reader section, and a line number selector section for selecting a line number for connection from the plurality of line numbers extracted by said line number extractor section; and

an image transmitter section for transmitting the document image which was read out by said image reader section with respect to an external device connected to the line,

wherein, when said line number extractor section extracts the plurality of line numbers of the external devices to be connected to a line out of said document image, said line number selector section selects one line number from the plurality of line numbers extracted, by making a comparison between the plurality of line numbers extracted and a line number of the transmitting end.

14. The communications terminal device as set forth in claim 13, wherein said line number selector section makes a comparison between an area code of the plurality of line numbers extracted by said line number extractor

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section and an area code of the line number of the transmitting end so as to select a line number having an identical area code.

15. The communications terminal device as set forth in claim 13, wherein said line number selector section adjusts the area codes of the plurality of line numbers extracted by said line number extractor section and the line number of the transmitting end to have the same number of digits, and selects a line number which has a least difference between the both area codes.

16. The communications terminal device as set forth in claim 13, further comprising an image modifier section for deleting an image which is indicative of the line number of the external device to be connected to the line from the document image which was read out by said image reader section,

wherein said image transmitter section transmits an image from which the image indicative of the line number of the external device to be connected to the line was deleted by said image modifier section.

17. The communications terminal device as set forth in claim 13, wherein:

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said image reader section reads images of front and rear sides of the document,

said line number extractor section extracts the line number of the external device to be connected to the line from an image of one side of the document, and

said image transmitter section transmits an image of the other side of the document.

18. A communications terminal device, comprising:

an image reader section for reading a document image out of a document;

a control section having a line number extractor section for extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by said image reader section, and a line number selector section for selecting a line number for connection from the plurality of line numbers extracted by said line number extractor section;

a memory section for storing a communications cost table in which communications charges per unit time for connecting the line are classified based on the line numbers; and

an image transmitter section for transmitting the document image which was read out by said image reader section with respect to an external device connected to

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the line,

wherein, when said line number extractor section extracts the plurality of line numbers of the external devices to be connected to the line out of said document image, said line number selector section selects one line number from the plurality of line numbers extracted, using the communications cost table stored in said memory section.

19. The communications terminal device as set forth in claim 18, further comprising an image modifier section for deleting an image which is indicative of the line number of the external device to be connected to the line from the document image which was read out by said image reader section,

wherein said image transmitter section transmits an image from which the image indicative of the line number of the external device to be connected to the line was deleted by said image modifier section.

20. The communications terminal device as set forth in claim 18, wherein

said image reader section reads images of front and rear sides of the document,

said line number extractor section extracts the line

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number of the external device to be connected to the line from an image of one side of the document, and

said image transmitter section transmits an image of the other side of the document.

21. A recording medium which stored a document management program which is used in a computer system including a memory section for storing a document to which an identification number is given, an input section for receiving an image including said identification number and summary information of the document to which said identification number is given, and an output section for outputting the document, said document management program for instructing a computer to execute the processes of:

(i) extracting said identification number and said summary information out of an inputted image which was inputted to said input section;

(ii) searching and obtaining a document having the identification number extracted by said process (i) out of documents stored in said memory section; and

(iii) judging as to whether the summary information extracted by said process (i) is correct with respect to the document obtained by said process (ii).

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22. A recording medium which stored a communications control program which is used in a computer system including an image reader section for reading a document image out of a document, and an image transmitter section for transmitting the document image read out by said image reader section with respect to an external device which is connected via a communications network, said communications control program for instructing a computer to execute the processes of:

(i) extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by said image reader section; and

(ii) selecting, when the plurality of line numbers of said external devices to be connected to a line are extracted by said process (i) out of the document image, one line number from the plurality of line numbers extracted by making a comparison between the plurality of line numbers extracted and a line number of the transmitting end.

23. A document management system, comprising at least one document management device, and at least one communications terminal device which is connected to said document management device via a communications network,

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wherein:

said document management device includes: a memory section for storing a document to which an identification number is given; an input section for receiving an image including said identification number and summary information of the document to which said identification number is given from said communications terminal device; a control section made up of an extract section for extracting said identification number and said summary information from the inputted image which was inputted to said input section, a document obtainer section for searching and obtaining a document having said identification number which was extracted by said extract section out of documents stored in said memory section, and a judging section for judging as to whether the summary information extracted by said extract section is correct with respect to the document obtained by said document obtainer section; and an output section for outputting the document obtained by said document obtainer section with respect to said communications terminal device when said judging section judges it to be correct, and

said communications terminal device includes: an image reader section for reading a document image out of a document; a control section having a line number

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extractor section for extracting a plurality of line numbers of document management devices to be connected to a line out of the document image which was read out by said image reader section, and a line number selector section for selecting a line number for connection from the plurality of line numbers extracted by said line number extractor section; and an image transmitter section for transmitting the document image which was read out by said image reader section with respect to a document management device to be connected to the line, wherein, when said line number extractor section extracts a plurality of line numbers of external devices to be connected to a line out of said document image, said line number selector section selects one line number from the plurality of line numbers extracted, by making a comparison between the plurality of line numbers extracted and a line number of the transmitting end.

24. A document management system, comprising at least one document management device, and at least one communications terminal device which is connected to said document management device via a communications network,

wherein:

said document management device includes: a memory section for storing a document to which an identification

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number is given; an input section for receiving an image including said identification number and summary information of the document to which said identification number is given from said communications terminal device; a control section made up of an extract section for extracting said identification number and said summary information from the inputted image which was inputted to said input section, a document obtainer section for searching and obtaining a document having said identification number which was extracted by said extract section out of documents stored in said memory section, and a judging section for judging as to whether the summary information extracted by said extract section is correct with respect to the document obtained by said document obtainer section; and an output section for outputting the document obtained by said document obtainer section when said judging section judges it to be correct, and

said communications terminal device includes: an image reader section for reading a document image out of a document; a control section having a line number extractor section for extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by said image reader section, and a line number selector section for

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selecting a line number for connection from the plurality of line numbers extracted by said line number extractor section; a memory section for storing a communications cost table in which communications charges per unit time for connecting the line are classified based on the line numbers; and an image transmitter section for transmitting the document image which was read out by said image reader section with respect to an external device connected to the line, wherein, when said line number extractor section extracts a plurality of line numbers of the external devices to be connected to a line out of said document image, said line number selector section selects one line number from the plurality of line numbers extracted, using the communications cost table stored in said memory section.

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